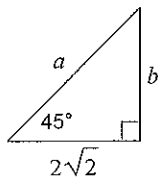
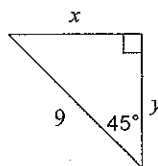


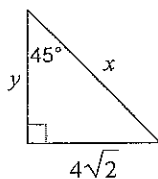
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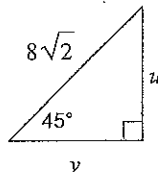
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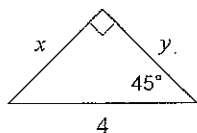
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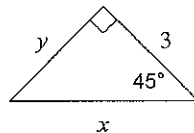
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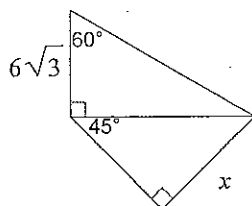
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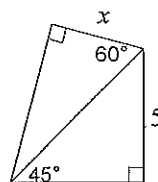
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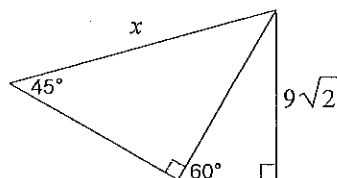
23)



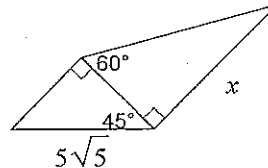
24)



25)



26)



Use the information provided to write the equation of each circle.

27) Center: $(-14, 7)$
Radius: $\sqrt{14}$

28) Center: $(-2, -5)$
Radius: $\sqrt{21}$

29) Center: $(-7, 1)$
Radius: $8\sqrt{2}$

30) Center: $(13, -4)$
Radius: 6

Assignment

Date _____ Period _____

Find the distance between each pair of points.

1) $(2, -7), (-1, -5)$

2) $(-8, 5), (-8, -6)$

3) $(0, 0), (0, 7)$

4) $(-1, -5), (4, -8)$

5) $(-3, -5), (-4, 7)$

6) $(-7, 4), (8, 4)$

7) $(-6, 5), (-4, 8)$

8) $(-7, 4), (4, -6)$

9) $(-5, -4), (7, -6)$

10) $(7, -7), (7, 3)$

Find the missing side lengths. Leave your answers as radicals in simplest form.

